TABLE 2

RATIO CALCULATIONS AND SHUTDOWN SUMMARY
OCTOBER 2009
MIDCO I AND II SITES
GARY, INDIANA

Parameter	Units	Midco I Site	Midco II Site	Deep Well Site
HP/UV flow rate[1]	gpm	21 to 37	50.6 to 60	
HP/UV operating lamps	count	2	4	
UV tube cleaning cycle	hours	2.0	2.0	
Hydrogen peroxide feed	ppm	325	120	
pH, inlet to HP/UV unit	pH units	7.2	7.0	
Extraction well flow rates as of 10-31-09				
EW-1	gpm	9.0	4.0	
EW-2	gpm	9.0	4.0	
EW-3	gpm	4.0	6.0	
EW-4	gpm	2.0	4.1	
EW-5	gpm	4.0	N/A	
EW-6	gpm	2.0	3.0	
EW-7	gpm	9.0	1.1	
MW-3D	gpm	OFF	N/A	
MW-5D	gpm	OFF	N/A	
MW-6D	gpm	4.0	N/A	
Extraction well flow rates necessary for capture[2]				
EW-1	gpm	6.4	13.0	
EW-2	gpm	6.4	13.0	
EW-3	gpm	N/A	16.9	
EW-4	gpm	1.0	8.0	
EW-5	gpm	N/A	N/A	
EW-6	gpm	1.7	5.7	
EW-7	gpm	6.4	9.1	
Range of detections from field gas chromatograph				
Methylene chloride	µg/L	N/A	N/A	
Vinyl chloride	µg/L	N/A	N/A	
Treatment operating flow rate less tube cleaning	gpm	31.4 to 36.3	49.8 to 59.7	
Total treated water volume[3]	gallons	1,413,865	1,017,735	2,431,600
Design average flow rate[4]	gpm	28.0	50.6	78.6
Month duration and operating time for average monthly flow rate calculation	days	31	31	
	minutes	44,640	44,640	
Non-GWETS-related shutdowns (pages 2 & 3)	minutes	0	1,247	
Annulus & pipeline testing shutdowns	minutes	0	0	
Operating time for average monthly operating flow rate calculation	minutes	44,640	43,393	
GWETS-related shutdown - scheduled & non-scheduled (see pages 2 and 3)	minutes	14	4,295	
Operation time excluding all shutdowns	minutes	44,626	39,098	
Average monthly operating flow rate[5]	gpm	31.7	23.5	55.1
% average monthly operating flow rate to design average flow rate	%	113.1%	46.4%	70.1%
Average monthly flow rate[6]	gpm	31.7	22.8	54.5
% average monthly flow rate to design average flow rate	%	113.1%	45.1%	69.3%
Waste materials stored on-site for off-site disposal				
Spent filters	cubic yards	1	12	
Anticipated off-site shipment week of		December 7, 2009	December 5, 2009	
Waste shipments this month		October 28, 2009	None	
Filter cake	cubic yards	N/A	12	
Anticipated off-site shipment week of		N/A	December 5, 2009	
Waste shipments this month		N/A	None	
Other wastes (specify):		None	None	
Anticipated off-site shipment week of		N/A	N/A	
Waste shipments this month		None	None	

Key:

HP/UV = Hydrogen peroxide/ultraviolet light
GWETS = Ground water extraction and treatment system
gpm = Gallons per minute
µg/L = Micrograms per liter
N/A = Not applicable

Notes:

[1] HP/UV flow rate is the process water flow rate that goes through the HP/UV.

[2] Extraction wells EW-3 and EW-5 at the Midco I Site are used for dewatering purposes only.

[3] Total treated water volume is obtained from the site treated water flow totalizer.

[4] Design average flow rate is the model-predicted flow rates of 21.0 or 50.6 gpm, respectively for the Midco I and Midco II Sites. The design average flow rates changed on February 24, 2003 from 24.5 to 50.6 gpm for Midco II. The Midco I design average flow rate varies between 21 and 28 gpm, based on dewatering.

[5] Average monthly operating flow rate is the total treated water volume divided by the operating time excluding all non-GWETS-related shutdowns. This value is different from the HP/UV flow rate because of the flow recycled during the tube cleaning.

[6] Average monthly flow rate is the totalized volume of treated water divided by the number of minutes for that month.